

Confidentiality level class 2:

This document intended for a restricted public only (Official Elinchrom agents, partners, suppliers, manufacturers or outsourcers). Any third party dissemination, distribution, copying or use of these documents, without prior permission, is strictly prohibited.

Date: 26.06.2015

Réf. : D. Agier

Département: R&D

## Abstract

Some users complain the light intensity of the modelling lamp has periodic fluctuations, mainly when the modelling lamp is set at high range of power.

These modelling light fluctuations can bother the model by long set up of the shooting scene.

Please follow the below recommendations to avoid these unpleasantness.

## Cause of the flickering

The cause of the flickering is the periodic fast charging compensation of the flash capacitors for maintaining the accurate flash energy always ready for the next trigger command.

## How to reduce the flickering

- ➔ If you work in "proportional" mode of the modelling lamp, if possible set the power of the flash under 5.0
- ➔ If you work in "free" mode of the modelling lamp, set the intensity of the modelling lamp under 5.0. The flash power can be set in the full range.

## Solutions in designing progress

We are evaluating different improvements in the future:

- ➔ New "Video" mode that would disable temporary the periodic fast charging compensation and so avoiding any fluctuation of the light intensity
- ➔ Future update of the ELC product will take in account that improvement.